REFLOW CAPABLE UNIVERAL MATE-N-LOK CONNECTORS

Designed for customers who intend to streamline manufacturing processes with simple reflow soldering of PCB assemblies.

The reflow capable universal MATE-N-LOK product line builds on a tested solution for wire-to-board applications. The thermoplastic housing is designed to withstand high temperatures associated with reflow soldering. This allows for easy transition to a full reflow assembly process.

Headers are designed with polarization features and a low contact mating force, allowing for easy mating. The standard .250” centerline allows for mating with TE’s existing universal MATE-N-LOK wire-to-board connectors.

Applications
• Appliances
• HVAC Equipment
• Industrial Machinery
• Power Supplies
• Security Systems
• Elevator/Escalator

Electrical
• 12 A / 600 VAC
• 5000 VAC dielectric withstanding voltage

Mechanical
• 0.250” [6.35 mm] centerline
• Operating temp -40˚C to +105˚C

Specifications
• Product Specifications: 108-1053
• Application Specifications: 114-133093
• UL Certificate Number: 20170407-E28476
• UL Report Reference Number: E28476-19760715

Materials
• High temperature thermoplastic (UL 94 V-0) black, white
• Copper alloy, tin plated

Benefits
• High temperature, reflow capable housing allows for transition to reflow PCB assembly
• Polarization and positive locking for error resistant assembly
• Pin and socket style contacts available
• Low contact mating force

Color
• Black
• Blue (upon request)
• Red (upon request)
• White
### Product Selection Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Contact Type</th>
<th>Row Configuration</th>
<th>Number of Positions</th>
<th>Color</th>
<th>Mating Plug PN</th>
<th>Contact PN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2213752-1</td>
<td>Pin</td>
<td>1x2, vertical</td>
<td>2</td>
<td>Black</td>
<td>350777-1</td>
<td>350874-3</td>
</tr>
<tr>
<td>2213753-2</td>
<td>Socket</td>
<td>1x3, vertical</td>
<td>3</td>
<td>White</td>
<td>350766-1</td>
<td>350873-3</td>
</tr>
<tr>
<td>1-2213752-3</td>
<td>Pin</td>
<td>1x4, vertical</td>
<td>4</td>
<td>Black</td>
<td>350779-1</td>
<td>350874-3</td>
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<tr>
<td>2213753-4</td>
<td>Socket</td>
<td>1x5, vertical</td>
<td>5</td>
<td>White</td>
<td>350809-1</td>
<td>350873-3</td>
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<tr>
<td>2213752-5</td>
<td>Pin</td>
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<td>White</td>
<td>640581-1</td>
<td>350874-3</td>
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<tr>
<td>2213756-1</td>
<td>Socket</td>
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<td>White</td>
<td>350715-1</td>
<td>350873-3</td>
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<tr>
<td>2213755-2</td>
<td>Pin</td>
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<td>White</td>
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<td>350874-3</td>
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<td>Socket</td>
<td>3x5, vertical</td>
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<td>White</td>
<td>350736-1</td>
<td>350873-3</td>
</tr>
</tbody>
</table>

All positions are available in both pin and socket contacts and black/white color. Red and blue colors are available upon request.

### Dimensions

**Single Row Header 2213752-1**

![Single Row Header Diagram](image)

**Triple Row Header 2213756-1**

![Triple Row Header Diagram](image)